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Elizabeth Miller

Elizabeth Miller

March 11, 2002

Date

#11/A
Plunkett
6/20/02

ATTY DOCKET NO. 10990629-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jay K. Bass

Group Art Unit: 1631

Serial No.: 09/491,527

Examiner: Marianne P. Allen

Filed: Jan. 26, 2000

Title: FEATURE QUALITY IN ARRAY FABRICATION

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

RESPONSE AND AMENDMENT

Please cancel claim 24 and amend other of the claims as indicated in the attached APPENDIX. A clean copy of all the pending claims currently under consideration in the present application and incorporating all amendments to date, is reproduced below:

19. An apparatus for fabricating an array of features, comprising:
a drop deposition system to deposit multiple reagent droplets for each of multiple target feature locations so as to form the array of features;
an image capture system which provides a set of multiple images of a target feature location, each image of the set representing the target feature location following deposition of a corresponding sub-set of multiple droplets for that feature;
and
a processor which generates an overlay composite from the image set.

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